

A preliminary study to determine the potential of a prototype feeding stimulant in improving the weaning of juvenile marble goby (*Oxyeleotris marmoratus*)

ABSTRACT

This study was conducted to determine the potential of a prototype feeding stimulant (FS) comprised of amino acids and nucleotides to improve the weaning of *Oxyeleotris marmoratus*. Two diets (control and FS) were formulated and fed to 2 groups of fish for 14 days. Six fish were in each group. Each fish was in one aquarium and each fish was a replicate. The body lengths were 7.7-9.3 cm. Each fish was given 5-pellet feedings at 17:00 daily and the ingested feedings were recorded the next day at 12:00. Fish fed the FS diet started ingestion on the 1st day and attained a higher ingestion ratio of 0.5 and 50% were successfully weaned. However, on the 8th day, fish fed the control diet had an ingestion ratio of 0.17 and 16.7% were successfully weaned. In conclusion, the FS efficiently promoted feed intake and it can be used to improve the weaning of *O. marmoratus*.